

### Listing of the Claims

1. (Previously presented) An isolated nucleic acid that encodes SEQ ID NO:6.
  2. (Canceled)
  3. (Previously presented) The isolated nucleic acid of claim 1 comprising SEQ ID NO: 5.
  4. (Currently amended) A transgenic monocot cell having a genome comprising a nucleic acid sequence that encodes ~~a~~ the protein of SEQ ID NO:6.
  5. (Currently amended) A transgenic dicot cell having a genome comprising a nucleic acid sequence that encodes ~~a~~ the protein of SEQ ID NO:6.
  6. (Currently amended) A transgenic plant with a genome comprising a nucleic acid sequence that encodes ~~a~~ the protein of SEQ ID NO:6..
  7. (Original) A transgenic plant of claim 6 wherein the plant is rice.
  8. (Original) A transgenic plant of claim 6 wherein the plant is maize.
  9. (Original) A transgenic plant of claim 6 wherein the plant is tobacco.
  10. (Original) A transgenic plant of claim 6 wherein the plant is cotton.
  11. (Currently amended) ~~Seed~~ Transgenic seed of a transgenic plant of claim 6.
  12. (Currently amended) ~~Progeny of seed~~ Transgenic progeny of the seed of claim 11.
- Claims 13-18 (Canceled).